

Title (en)
Vehicle steering system

Title (de)
Fahrzeuglenksystem

Title (fr)
Système de direction de véhicule

Publication
EP 1894814 A3 20100901 (EN)

Application
EP 07014885 A 20070730

Priority
GB 0617049 A 20060830

Abstract (en)
[origin: EP1894814A2] A vehicle system has a steering circuit which includes a steering actuator (12) supplied with pressurised fluid from a pressure source to turn an associated vehicle wheel (13) to the left or right in response to the movement of the steering wheel. A feedback circuit (17) is provided which includes a steering motor (18) connected with the steering wheel (13) and supplied with pressurised fluid via an electronically controlled feedback control valve means (21,24) in response to signals received from a control unit (23) to generate a steering feedback force acting on the steering wheel.

IPC 8 full level
B62D 5/09 (2006.01); **B62D 6/00** (2006.01)

CPC (source: EP GB US)
B62D 1/16 (2013.01 - EP US); **B62D 5/006** (2013.01 - EP US); **B62D 5/06** (2013.01 - GB); **B62D 5/093** (2013.01 - EP US);
B62D 6/008 (2013.01 - EP GB US)

Citation (search report)

- [XY] WO 0212052 A1 20020214 - LUK FAHRZEUG HYDRAULIK [DE], et al
- [X] WO 0246020 A1 20020613 - BOSCH GMBH ROBERT [DE], et al
- [Y] US 6213246 B1 20010410 - BOHNER HUBERT [DE], et al
- [Y] EP 1142773 A2 20011010 - NEW HOLLAND ITALIA SPA [IT]
- [Y] DE 10333442 A1 20050303 - ZF LENKSYSTEME GMBH [DE]

Cited by
EP2347945A1; NL2004129C2; US8490741B2; WO2009154519A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1894814 A2 20080305; **EP 1894814 A3 20100901**; GB 0617049 D0 20061011; GB 2441319 A 20080305; US 2008053742 A1 20080306;
US 7712574 B2 20100511

DOCDB simple family (application)
EP 07014885 A 20070730; GB 0617049 A 20060830; US 84794007 A 20070830